

INTERNATIONAL SEARCH REPORT

Intern: Application No
PCT/DK2004/000753

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F1/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06F H02J H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/126253 A1 (EWING CARREL W ET AL) 3 July 2003 (2003-07-03) figure 1 figure 2A figure 5 figures 7,8 paragraph '0010! - paragraph '0013! paragraph '0028! - paragraph '0029! paragraph '0042! - paragraph '0046! paragraph '0060! paragraph '0065! - paragraph '0068! paragraph '0073! paragraph '0081! - paragraph '0089! paragraph '0096! - paragraph '0099! paragraph '0105! - paragraph '0111! paragraph '0113! - paragraph '0122! paragraph '0128! - paragraph '0132!	1-3, 5-8, 31-33
A	----- -/--	17-23

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"8" document member of the same patent family

Date of the actual completion of the international search

12 September 2005

Date of mailing of the international search report

13. 10. 2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Pirliou, Y.N.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 534 734 A (PUGH ET AL) 9 July 1996 (1996-07-09) figure 1B figure 2 column 1, line 57 - column 2, line 30 column 2, line 60 - column 3, line 32 column 4, line 63 - column 5, line 17 -----	1-3,5-8
A	SPECTRUM CONTROL INC.: "AC POWER DISTRIBUTION UNIT" 'Online! 2002, XP002324699 Retrieved from the Internet: URL:http://web.archive.org/web/20030326083 254/http://www.specpower.com/pdfs/acsmart. pdf> 'retrieved on 2005-04-14! the whole document -----	1-3,5-7
X	"Ping" INTERNET DOCUMENT, 'Online! 27 September 2002 (2002-09-27), XP002343583 Retrieved from the Internet: URL:http://www.linuxmanpages.com/man8/ping .8.php> 'retrieved on 2005-09-06! command "ping -b" -----	15,16
A	-----	17,22,23
X	WO 03/071742 A (CANON KABUSHIKI KAISHA; NAKAZAWA, TOSHIYUKI) 28 August 2003 (2003-08-28) page 7, line 23 - page 8, line 8 page 16, line 4 - page 18, line 4 page 19, line 1 - page 25, line 5 page 25, line 17 - page 29, line 12 page 30, line 9 - page 33, line 4 figures 5,10,11,14,15 -----	15-23
X	EP 0 809 383 A (SUN MICROSYSTEMS, INC) 26 November 1997 (1997-11-26) page 2, lines 40-44 page 3, lines 15-26 page 4, columns 41-45 page 5, columns 11-17 page 6, lines 46-48 figures 1,3,4 -----	15,16

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Inter application No
PCT/DK2004/000753

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 322 069 A (ALCATEL CANADA INC) 25 June 2003 (2003-06-25) paragraphs '0001!, '0002! paragraphs '0008! - '0024! paragraphs '0033! - '0041! paragraphs '0042! - '0051! paragraphs '0052! - '0059! paragraph '0074! paragraph '0079! figures 1,3-5 table 3	15-17, 20-23
A	-----	18,19
A	US 2002/188759 A1 (ROY JOYDEEP ET AL) 12 December 2002 (2002-12-12) paragraphs '0002!, '0006! paragraphs '0009! - '0013! paragraphs '0023! - '0028! paragraph '0034! paragraph '0042! paragraph '0044! figures 1,2 -----	15-23

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Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☒ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

1-3, 5-8, 15-23, 31-33
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☒ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-3,5-8,31-33

a power distribution device, comprising outlets, sensors; sensor ports for receiving a sensor signal and a network connection, capable of operating the outlets in response to information from sensors and/or sensor ports and/or network. Data structure with at least one block comprising data relating to an outlet and one block comprising data relating to a sensor.

2. claims: 9-14,24-30

- a user interface, with a display and at least one panel/window, wherein the at least one panel comprises one or more elements, the user interface comprising a grouping functionality for the network devices, in order to be able to assign a network device to at least one specific group.
- a method and a computer system for controlling power distribution devices in a network and displaying on a display of a user terminal, information relating to the power distribution devices and outlets.

3. claims: 15-23

- a method for finding unknown devices on a network and storing data relating to these devices in a database.
- a method for scanning a network for new power distribution devices, assigning a belonging to each device and storing a record relating to each of these devices in a database. The network comprises at least one user terminal, networks devices and at least one power distribution device.

INTERNATIONAL SEARCH REPORT

Information on patent family members

Inte Application No
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003126253 A1	03-07-2003	US 2002002593 A1 US 6711613 B1 US 5949974 A US 2002002582 A1 US 2004205181 A1 US 2004215763 A1	03-01-2002 23-03-2004 07-09-1999 03-01-2002 14-10-2004 28-10-2004
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